

  
**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Ryo KUBOTA, et al.

Appln. No.

Group Art Unit: Unknown

Confirmation No.:

Examiner: Unknown

Filed: March 27, 2001

For: MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE HAVING DRAM  
CAPACITORS

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Laid-Open Patent Application No. 11-284139, published October 15, 1999.
2. H. Watanabe et al., "Hemispherical Grained Si Formation on in-situ Phosphorus Doped Amorphous-Si Electrode for 256Mb DRAM's Capacitor", IEEE Transactions on Electron Devices, Vol. 42, No. 7, (July 1995), pp. 1247-1254 with Abstract.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution

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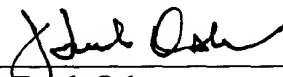
INFORMATION DISCLOSURE STATEMENT

application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant states that the above reference 1 is discussed within the specification beginning at page 7, line 1.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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